

VIRGINIA STANDARDS OF LEARNING

Spring 2004 Released Test

GRADE 5
Mathematics

LARGE PRINT FORM

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DIRECTIONS

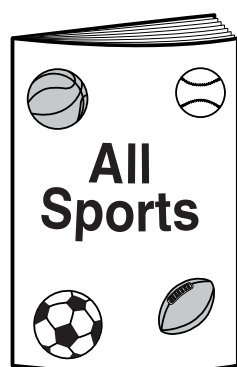
Read and solve each question.

SAMPLE

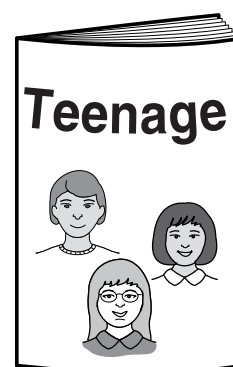
Jenny found 17 seashells at the beach. What is 17 rounded to the nearest ten?

- A 10
- B 15
- C 20
- D 25

- 1 The picture below shows a copy of four different magazines. The number under each magazine is the total number of copies that magazine sold last year.



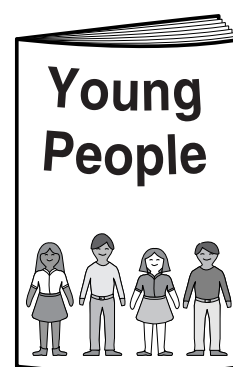
3,243,810



2,567,613



1,435,267



4,261,023

Which magazine sold a number of copies that has a 4 in the ten-thousands place?

- A All Sports
- B Teenage
- C Music Time
- D Young People

2 Which of the following has a value greater than $\frac{5}{6}$?

F $\frac{5}{9}$

G $\frac{2}{3}$

H $\frac{11}{12}$

J $\frac{10}{12}$

3 The difference of $21,234 - 19,078$ is best described as

A a little more than 1,000

B a little more than 1,500

C a little more than 2,000

D a little more than 2,500

4

$$381 + 245 + 579 = ?$$

F 1,105

G 1,195

H 1,205

J 1,295

5 A recipe calls for 25 grams of sugar. This amount is closest to

A 1 pound

B 1 ounce

C 10 pounds

D 10 ounces

6 Which best describes this figure?



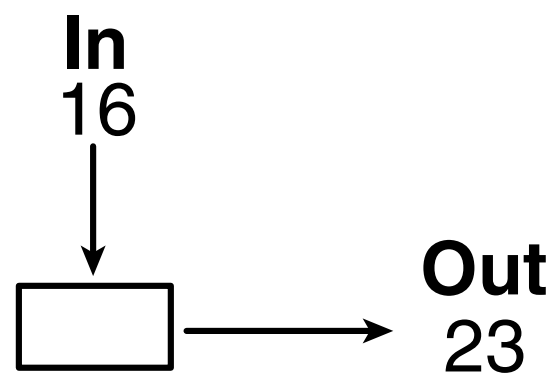
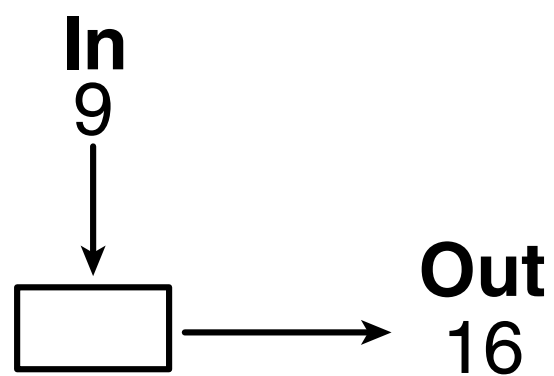
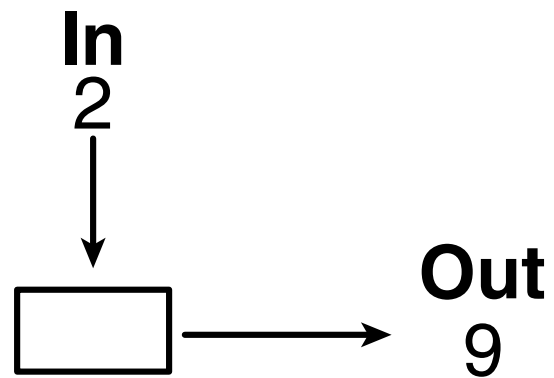
F Angle JK

G Line segment JK

H Ray JK

J Line JK

7 Which describes a rule that the number machine could be using?



- A Multiply by 4; add 1**
- B Divide by 4; add 1**
- C Subtract 7**
- D Add 7**

8

$$\begin{array}{r} 3.9 \\ \times 6.5 \\ \hline \end{array}$$

F 2,535

G 253.5

H 25.35

J 2.535

9 $3.642 \div 6 = ?$

A 0.607

B 6.07

C 60.7

D 607

10 $7.548 \div 6 =$

F 1,258

G 125.8

H 12.58

J 1.258

11 Which is a true statement?

A The length of the radius of a circle is one-fourth the length of the diameter.

B The length of the radius of a circle is the same as the length of the diameter.

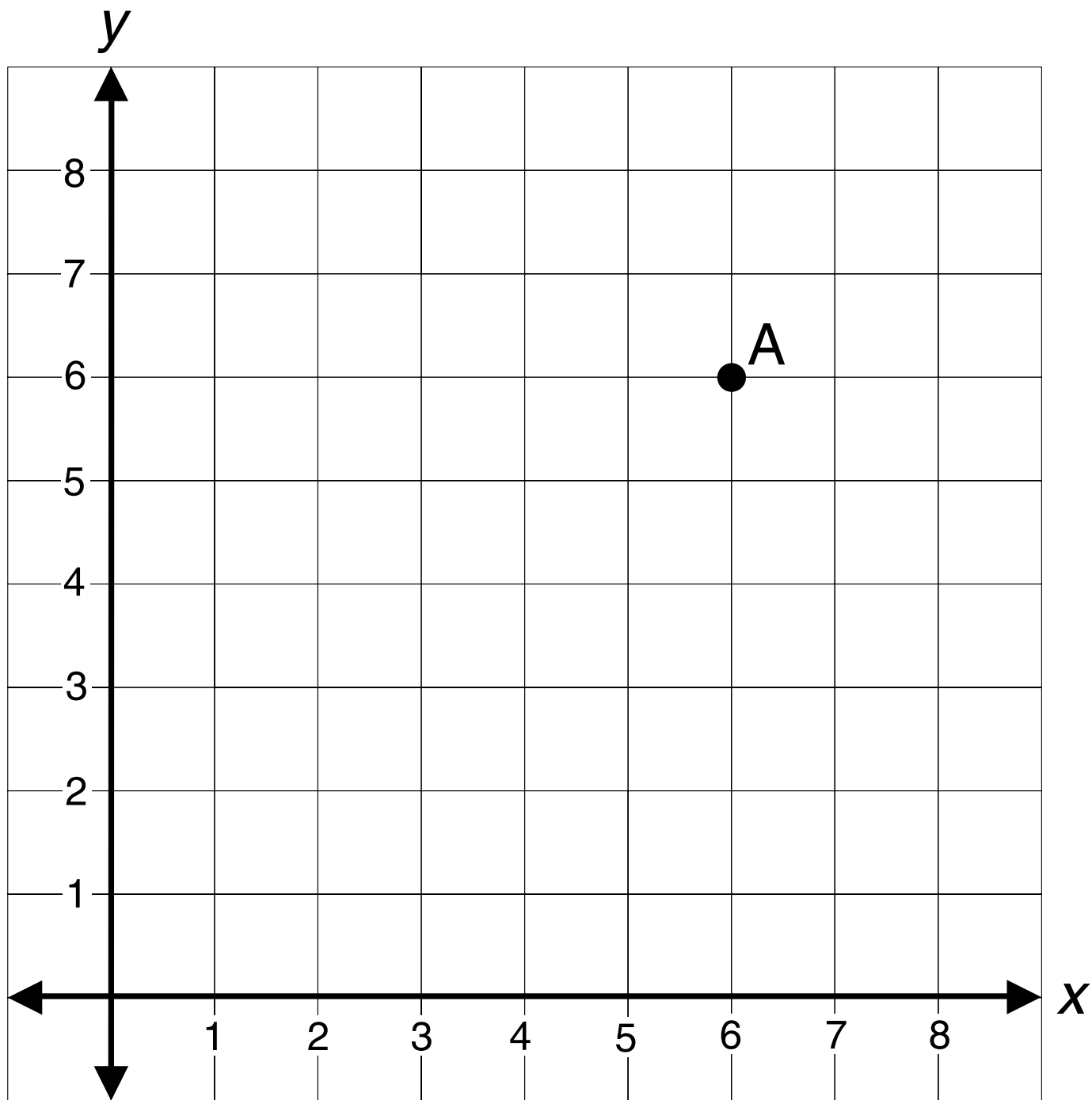
C The length of the radius of a circle is one-half the length of the diameter.

D The length of the radius of a circle is two times the length of the diameter.

12 You would need to know the area of something if you were

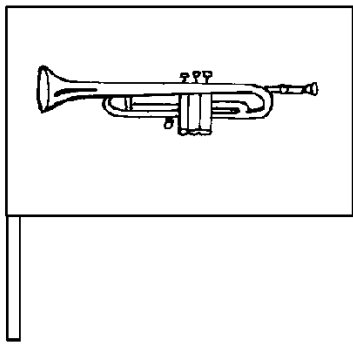
- F buying enough bricks to go around a square flower bed**
- G buying enough wire to make a dog pen**
- H cutting a piece of cloth big enough to make a sail for a boat**
- J cutting a piece of string long enough to go around a box**

13

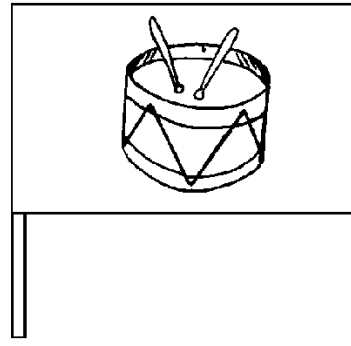


What are the coordinates of Point A?

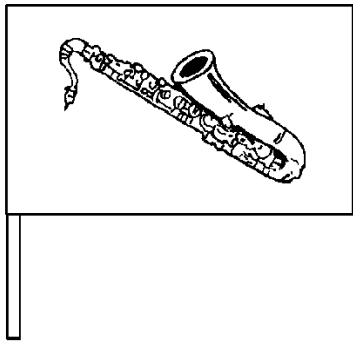
- A (7, 7)
- B (6, 6)
- C (6, 5)
- D (5, 6)



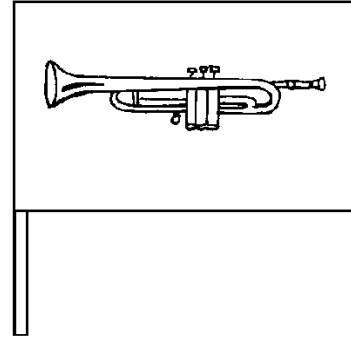
Trumpet



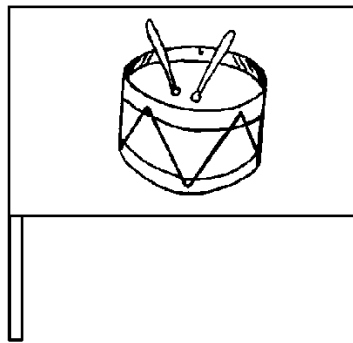
Drum



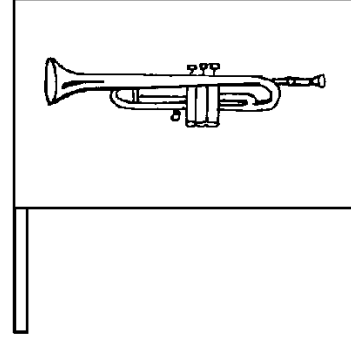
Saxophone



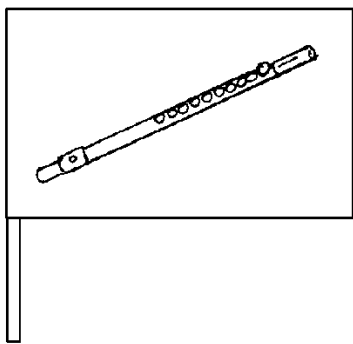
Trumpet



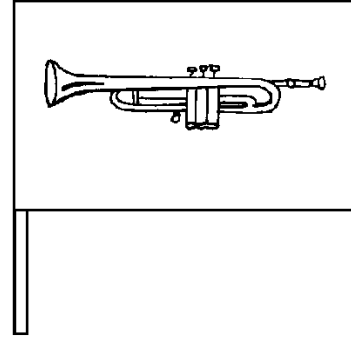
Drum



Trumpet



Flute



Trumpet

- 14 On the previous page are the instruments that are pictured on flags that will be carried in front of the marching band.**

Which of the following questions about these instruments could you use probability to solve?

- F How many more flags have trumpets on them than drums?**
- G If Lionel picks a flag without looking, what kind of flag is he least likely to pick?**
- H What kind of instrument is on exactly one-half of the flags?**
- J If 5 people get to pick a flag before Amanda, how many will she have to choose from?**

15 1, 10, 100, 1,000, _____

If this pattern of numbers continues, what should be the next number in the pattern?

A 10,000

B 1,110

C 1,100

D 1,001

16 Bella made 3 times as many cupcakes as Eric. If E represents the number of cupcakes Eric made, which of the following could be used to find the number of cupcakes Bella made?

F $E + 3 = ?$

G $E \times 3 = ?$

H $E \div 3 = ?$

J $E - 3 = ?$

Answer Key

Test Sequence Number	Correct Answer
1	A
2	H
3	C
4	H
5	B
6	G
7	D
8	H
9	A
10	J
11	C
12	H
13	B
14	G
15	A
16	G